856 Ship Notice/Manifest

Functional Group ID=SH

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Notes:

1. Organizations use this transaction set to provide shipment status to the wholesale distribution system for authorized material returns, including automatic returns.

2. Use a single occurrence of this transaction set to transmit single or multiple shipment status transactions to one inventory control point (ICP)/ integrated material manager (IMM).

3. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table, Transportation Mode of Shipment Conversion Table and Accounting Classification Appendix which can be found on the National Institute of Standards and Technology (NIST) World Wide Web site.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BSN	Beginning Segment for Ship Notice	M	1		
Not Used	040	DTM	Date/Time Reference	O	10		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			200000	
Must Use	010	HL	Hierarchical Level	M	1		c1
	020	LIN	Item Identification	O	1		
	030	SN1	Item Detail (Shipment)	O	1		
Not Used	040	SLN	Subline Item Detail	O	1000		

Not Used	050	PRF	Purchase Order Reference	O	1
Not Used	060	PO4	Item Physical Details	O	1
Not Used	070	PID	Product/Item Description	O	200
Not Used	080	MEA	Measurements	O	40
Not Used	090	PWK	Paperwork	O	25
Not Used	100	PKG	Marking, Packaging, Loading	O	25
Not Used	110	TD1	Carrier Details (Quantity and Weight)	O	20
	120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	130	TD3	Carrier Details (Equipment)	O	12
Not Used	140	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
	150	REF	Reference Identification	O	>1
Not Used	151	PER	Administrative Communications Contact	O	3
LOOP ID - LH1					100
Not Used	152	LH1	Hazardous Identification Information	O	1
Not Used	153	LH2	Hazardous Classification Information	O	4
Not Used	154	LH3	Hazardous Material Shipping Name	O	12
Not Used	155	LFH	Freeform Hazardous Material Information	O	20
Not Used	156	LEP	EPA Required Data	O	3
Not Used	157	LH4	Canadian Dangerous Requirements	O	1
Not Used	158	LHT	Transborder Hazardous Requirements	O	3
Not Used	159	LHR	Hazardous Material Identifying Reference Numbers	O	10
Not Used	160	PER	Administrative Communications Contact	O	5
Not Used	161	LHE	Empty Equipment Hazardous Material Information	O	1
LOOP ID - CLD					200
Not Used	170	CLD	Load Detail	O	1
Not Used	180	REF	Reference Identification	O	200
Not Used	185	DTP	Date or Time or Period	O	1
Not Used	190	MAN	Marks and Numbers	O	>1
	200	DTM	Date/Time Reference	O	10
Not Used	210	FOB	F.O.B. Related Instructions	O	1
Not Used	215	PAL	Pallet Information	O	1
LOOP ID - N1					200
Must Use	220	N1	Name	O	1
Not Used	230	N2	Additional Name Information	O	2
Not Used	240	N3	Address Information	O	2
Not Used	250	N4	Geographic Location	O	1
Not Used	260	REF	Reference Identification	O	12
Not Used	270	PER	Administrative Communications Contact	O	3
Not Used	280	FOB	F.O.B. Related Instructions	O	1
Not Used	290	SDQ	Destination Quantity	O	50
Not Used	300	ETD	Excess Transportation Detail	O	1
Not Used	310	CUR	Currency	O	1
Not Used	320	SAC	Service, Promotion, Allowance, or Charge Information	O	>1

Not Used	330	GF	Furnished Goods and Services	O	1	
Not Used	335	YNQ	Yes/No Question	O	10	
			LOOP ID - LM			10
	340	LM	Code Source Information	O	1	
Must Use	350	LQ	Industry Code	M	100	
			LOOP ID - V1			>1
Not Used	360	V1	Vessel Identification	O	1	
Not Used	370	R4	Port	O	>1	
Not Used	380	DTM	Date/Time Reference	O	>1	

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	010	CTT	Transaction Totals	O	1		n1
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

Transaction Set Comments

1. The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

Segment:	**ST** **Transaction Set Header**	
Position:	010	
Loop:		
Level:	Heading:	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of a transaction set and to assign a control number	
Syntax Notes:		
Semantic Notes:	**1**	The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			856 X12.10 Ship Notice/Manifest	
Must Use	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			A unique number assigned by the originator of the transaction set, or the originator's application program.	

Segment:	**BSN** Beginning Segment for Ship Notice
Position:	020
Loop:	
Level:	Heading:
Usage:	Mandatory
Max Use:	1
Purpose:	To transmit identifying numbers, dates, and other basic data relating to the transaction set
Syntax Notes:	1 If BSN07 is present, then BSN06 is required.
Semantic Notes:	1 BSN03 is the date the shipment transaction set is created.
	2 BSN04 is the time the shipment transaction set is created.
	3 BSN06 is limited to shipment related codes.
Comments:	1 BSN06 and BSN07 differentiate the functionality of use for the transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BSN01	353	**Transaction Set Purpose Code**	M ID 2/2

Code identifying purpose of transaction set

00	Original
77	Simulation Exercise

> Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.

Must Use	BSN02	396	**Shipment Identification**	M AN 2/30

A unique control number assigned by the original shipper to identify a specific shipment

> *Use Code "ZZ" for this data element to satisfy mandatory X12 syntax requirements.*

Must Use	BSN03	373	**Date**	M DT 6/6

Date (YYMMDD)

> *This date corresponds to the Universal Time Coordinate (UTC).*

Must Use	BSN04	337	**Time**	M TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

> *1. Express the originating activity's time in UTC.*

2. Express time in a four-position (HHMM) format.

Not Used	BSN05	1005	Hierarchical Structure Code	O	ID 4/4

Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set

Must Use	BSN06	640	Transaction Type Code	X	ID 2/2

Code specifying the type of transaction

    FT   Material Returns

Notification by a military organization providing shipping information related to the return of material not needed

Must use to indicate this transaction set provides shipment status information related to material returns transactions.

	BSN07	641	Status Reason Code	O	ID 3/3

Code indicating the status reason

    W05   Order Discrepancy

Use to indicate when the shipment status is related to return of discrepant or deficient material.

Segment:	**HL** **Hierarchical Level**
Position:	010
Loop:	HL Mandatory
Level:	Detail:
Usage:	Mandatory
Max Use:	1
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments
Syntax Notes:	
Semantic Notes:	
Comments:	1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
	2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
	3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
	4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
	5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.
Notes:	*1. The transaction set hierarchical data structure is address information followed by transaction shipment status.*
	2. Use the first 2/HL/010 loop iteration to provide transaction set address information.
	3. Use the second and all subsequent 2/HL/010 loop iterations to identify individual transaction shipment status information.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	HL01	628	**Hierarchical ID Number**	M AN 1/12
			A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
			In the first 2/HL/010 loop iteration, cite 1. In each subsequent loop iteration, increase incrementally by 1.	
Not Used	HL02	734	**Hierarchical Parent ID Number**	O AN 1/12
			Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	

| Must Use | HL03 | 735 | **Hierarchical Level Code** | M | ID 1/2 |

Code defining the characteristic of a level in a hierarchical structure

V   Address Information

The HL loop will identify entities associated with the shipment notice transaction

Use to identify the transaction set address loop.

W   Transaction Reference Number

The HL loop will identify shipment notice information for each reported transaction reference number

Use to identify the individual transaction material returns shipment status loops.

| Not Used | HL04 | 736 | **Hierarchical Child Code** | O | ID 1/1 |

Code indicating if there are hierarchical child data segments subordinate to the level being described

Segment:	**LIN** Item Identification	
Position:	020	
Loop:	HL	Mandatory
Level:	Detail:	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify basic item identification data	

Syntax Notes:
1. If either LIN04 or LIN05 is present, then the other is required.
2. If either LIN06 or LIN07 is present, then the other is required.
3. If either LIN08 or LIN09 is present, then the other is required.
4. If either LIN10 or LIN11 is present, then the other is required.
5. If either LIN12 or LIN13 is present, then the other is required.
6. If either LIN14 or LIN15 is present, then the other is required.
7. If either LIN16 or LIN17 is present, then the other is required.
8. If either LIN18 or LIN19 is present, then the other is required.
9. If either LIN20 or LIN21 is present, then the other is required.
10. If either LIN22 or LIN23 is present, then the other is required.
11. If either LIN24 or LIN25 is present, then the other is required.
12. If either LIN26 or LIN27 is present, then the other is required.
13. If either LIN28 or LIN29 is present, then the other is required.
14. If either LIN30 or LIN31 is present, then the other is required.

Semantic Notes:
1. LIN01 is the line item identification

Comments:
1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: *Must use in 2/HL/010 transaction reference number loops to identify the material shipped. Do not use in the 2/HL/010 address loop.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	LIN01	350	**Assigned Identification**	O	AN 1/20

Alphanumeric characters assigned for differentiation within a transaction set

Must Use	LIN02	235	**Product/Service ID Qualifier**	M	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Use only one of codes A1, A2, A4, FB, FS, FT, MG, or YP to identify the material shipped. Must use the National Stock Number (NSN) when known, except when appropriate brand name subsistence items are identified by the Subsistence Identification Number.

A1   Plant Equipment Number

Item identifier is a plant equipment number

Use to identify plant equipment.

		A2	Department of Defense Identification Code (DoDIC)		
			Qualifies a code that uniquely identifies a type of explosive or ammunition		
			Use to identify ammunition items.		
		A4	Subsistence Identification Number		
			Item identifier is a brand-name resale subsistence item		
			Use to identify subsistence items.		
		FB	Form Number		
			Use to identify the form stock number.		
		FS	National Stock Number		
		FT	Federal Supply Classification		
			1. Use to identify nonstandard material when a part number is not available and material reported was identified by description (e.g., non NSN lumber products). 2. Use only with BSN07 code W05.		
		MG	Manufacturer's Part Number		
			Use to identify nonstandard material.		
		YP	Publication Number		
			Use to identify the publication stock number.		
Must Use	**LIN03**	**234**	**Product/Service ID**	**M**	**AN 1/40**
			Identifying number for a product or service		
	LIN04	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Use only one of codes CN or ZB to fully identify the material.		
		CN	Commodity Name		
			Use with LIN02 code FT to identify the material name or description.		
		ZB	Commercial and Government Entity (CAGE) Code		
			A code that identifies a commercial contractor authorized to do business with the U.S. government		
			Use with LIN02 code MG to uniquely identify a manufacturer's part number.		
	LIN05	**234**	**Product/Service ID**	**X**	**AN 1/40**
			Identifying number for a product or service		
Not Used	**LIN06**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**LIN07**	**234**	**Product/Service ID**	**X**	**AN 1/40**
			Identifying number for a product or service		

Not Used	LIN08	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN09	234	**Product/Service ID**	X	**AN 1/40**
			Identifying number for a product or service		
Not Used	LIN10	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN11	234	**Product/Service ID**	X	**AN 1/40**
			Identifying number for a product or service		
Not Used	LIN12	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN13	234	**Product/Service ID**	X	**AN 1/40**
			Identifying number for a product or service		
Not Used	LIN14	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN15	234	**Product/Service ID**	X	**AN 1/40**
			Identifying number for a product or service		
Not Used	LIN16	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN17	234	**Product/Service ID**	X	**AN 1/40**
			Identifying number for a product or service		
Not Used	LIN18	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN19	234	**Product/Service ID**	X	**AN 1/40**
			Identifying number for a product or service		
Not Used	LIN20	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN21	234	**Product/Service ID**	X	**AN 1/40**
			Identifying number for a product or service		
Not Used	LIN22	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN23	234	**Product/Service ID**	X	**AN 1/40**
			Identifying number for a product or service		
Not Used	LIN24	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in		

Product/Service ID (234)

Not Used	LIN25	234	**Product/Service ID**	X	AN 1/40

Identifying number for a product or service

Not Used	LIN26	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN27	234	**Product/Service ID**	X	AN 1/40

Identifying number for a product or service

Not Used	LIN28	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN29	234	**Product/Service ID**	X	AN 1/40

Identifying number for a product or service

Not Used	LIN30	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN31	234	**Product/Service ID**	X	AN 1/40

Identifying number for a product or service

Segment:		**SN1** Item Detail (Shipment)			
Position:		030			
Loop:		HL	Mandatory		
Level:		Detail:			
Usage:		Optional			
Max Use:		1			
Purpose:		To specify line-item detail relative to shipment			
Syntax Notes:		1	If either SN105 or SN106 is present, then the other is required.		
Semantic Notes:		1	SN101 is the ship notice line-item identification.		
Comments:		1	SN103 defines the unit of measurement for both SN102 and SN104.		
Notes:		*Use only in 2/HL/010 transaction reference number loops to identify the number of units shipped.*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	SN101	350	**Assigned Identification**	O	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
Must Use	SN102	382	**Number of Units Shipped**	M	R 1/10
			Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set		
			1. Use to identify the shipped quantity. *2. Express as a whole number with no decimals.*		
Must Use	SN103	355	**Unit or Basis for Measurement Code**	M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Use to identify the unit of issue for the material shipped. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.		
Not Used	SN104	646	**Quantity Shipped to Date**	O	R 1/9
			Number of units shipped to date		
Not Used	SN105	330	**Quantity Ordered**	X	R 1/9
			Quantity ordered		
Not Used	SN106	355	**Unit or Basis for Measurement Code**	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	SN107	728	**Returnable Container Load Make-Up Code**	O	ID 1/2
			Code identifying the load make-up of the returnable containers in the shipment		
Not Used	SN108	668	**Line Item Status Code**	O	ID 2/2
			Code specifying the action taken by the seller on a line item requested by the buyer		

Segment:		**TD5** Carrier Details (Routing Sequence/Transit Time)			
Position:		120			
Loop:		HL Mandatory			
Level:		Detail:			
Usage:		Optional			
Max Use:		12			
Purpose:		To specify the carrier and sequence of routing and provide transit time information			
Syntax Notes:		1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.			
		2 If TD502 is present, then TD503 is required.			
		3 If TD507 is present, then TD508 is required.			
		4 If TD510 is present, then TD511 is required.			
		5 If TD513 is present, then TD512 is required.			
		6 If TD514 is present, then TD513 is required.			
Semantic Notes:					
Comments:		1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.			
Notes:		*Use only in 2/HL/010 transaction reference number loops to identify the mode of shipment.*			

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Not Used	TD501	133	**Routing Sequence Code**	O	ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement		
Not Used	TD502	66	**Identification Code Qualifier**	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
Not Used	TD503	67	**Identification Code**	X	AN 2/20
			Code identifying a party or other code		
Must Use	TD504	91	**Transportation Method/Type Code**	X	ID 1/2
			Code specifying the method or type of transportation for the shipment		
			Use to identify the mode of shipment. DLMS users see the Transportation Mode of Shipment Conversion Table for available codes.		
Not Used	TD505	387	**Routing**	X	AN 1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity		
Not Used	TD506	368	**Shipment/Order Status Code**	X	ID 2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction		
Not Used	TD507	309	**Location Qualifier**	O	ID 1/2

			Code identifying type of location		
Not Used	TD508	310	**Location Identifier**	X	AN 1/30
			Code which identifies a specific location		
Not Used	TD509	731	**Transit Direction Code**	O	ID 2/2
			The point of origin and point of direction		
Not Used	TD510	732	**Transit Time Direction Qualifier**	O	ID 2/2
			Code specifying the value of time used to measure the transit time		
Not Used	TD511	733	**Transit Time**	X	R 1/4
			The numeric amount of transit time		
Not Used	TD512	284	**Service Level Code**	X	ID 2/2
			Code indicating the level of transportation service or the billing service offered by the transportation carrier		
Not Used	TD513	284	**Service Level Code**	X	ID 2/2
			Code indicating the level of transportation service or the billing service offered by the transportation carrier		
Not Used	TD514	284	**Service Level Code**	O	ID 2/2
			Code indicating the level of transportation service or the billing service offered by the transportation carrier		

Segment:	**REF** Reference Identification
Position:	150
Loop:	HL Mandatory
Level:	Detail:
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information

Syntax Notes:	1	At least one of REF02 or REF03 is required.
	2	If either C04003 or C04004 is present, then the other is required.
	3	If either C04005 or C04006 is present, then the other is required.

Semantic Notes:	1	REF04 contains data relating to the value cited in REF02.

Comments:

Notes:

1. Must use in 2/HL/010 transaction reference number loops to identify the customer assigned transaction number, financial accounting data, the shipment unit number, and unique item tracking (UIT) associated with the shipment status transaction.

2. Use in 2/HL/010 transaction reference number loops to provide financial data citing the fund purpose code and either or both of the fund code and the long-line accounting data. DLMS users see the Accounting Classification Appendix for specific entries for the basic appropriation number and supplemental accounting classification data.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

Use only one of codes BT, LT or SE, as needed, to identify batch numbers, lot numbers or unique item identifier (UII) numbers assigned to shipped material managed under lot or unique item tracking (UIT) control procedures.

BT	Batch Number

Use to identify the manufacturer's batch number or other number identifying a production run.

FG	Fund Identification Number

1. Use to identify the fund purpose code. Cite any fund purpose code except CR or DR.

2. Use to identify accounting classification data against which a credit for the returned material will be provided.

LT	Lot Number

Use to identify the manufacturer's lot number.

SE	Serial Number

			Use to identify a UII.		
		TG	Transportation Control Number (TCN)		
			Must use in every 2/HL/010 transaction reference number loop to identify the shipment unit TCN.		
		TN	Transaction Reference Number		
			Must use in every 2/HL/010 transaction reference number loop to identify the customer assigned transaction number associated with the shipment unit.		

Must Use **REF02** **127** **Reference Identification** **X** **AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

REF03 **352** **Description** **X** **AN 1/80**

A free-form description to clarify the related data elements and their content

Use with REF01 code FG and REF04 code AT to cite the supplemental accounting classification data.

REF04 **C040** **Reference Identifier** **O**

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

When providing financial data (REF01 is FG):

If providing only the fund code use REF04-01 code FU and cite the fund code in REF04-02.

If providing only the long-line accounting data use REF04-01 code AT and cite the basic appropriation data in REF04-02. Use REF04-03 code 10 and cite the accounting station number REF04-04.

If providing both use REF04-01 code FU, REF04-03 code AT and REF04-05 code 10 citing the related data in the following data element of the pair.

Must Use **C04001** **128** **Reference Identification Qualifier** **M** **ID 2/3**

Code qualifying the Reference Identification

Use one of codes 08, 97, AW, BL, BM, IZ, K2, K3, WY or ZH with REF01 code TG to further identify a secondary transportation number when known.

    08   Carrier Assigned Package Identification Number

             A reference number assigned by a carrier to uniquely identify a single package

             Use to identify the shipment unit small package identification number.

    10   Account Managers Code

             Identifies the telecommunications manager assigned

to this account

Use in one of REF04-03 or REF04-05 to identify the authorized accounting activity (AAA)/accounting disbursing station number (ADSN)/fiscal station number (FSN).

97   Package Number

A serial number indicating unit shipped

Use to identify the shipment unit package identification number.

AT   Appropriation Number

Use in one of REF04-01 or REF04-03 to identify the basic appropriation data.

AW   Air Waybill Number

Use to identify the shipment unit air waybill number.

BL   Government Bill of Lading

Use to identify the government bill of lading.

BM   Bill of Lading Number

Use to identify the shipment unit commercial bill of lading number.

FU   Fund Code

Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund

Use with REF01 code FG to identify the fund code.

IZ   Insured Parcel Post Number

Number assigned to control an insured parcel post shipment from shipper to consignee

Use to identify the shipment unit insured parcel post number.

K1   Foreign Military Sales Notice Number

Number assigned to control a foreign military sales shipment from shipper to consignee

Use with REF01 code TG to identify the FMS Notice Number.

K2   Certified Mail Number

Number assigned by U.S. Postal Service (USPS) to monitor the movement of certified mail from point of acceptance by USPS to point of delivery

Use to identify the shipment unit certified mail number.

K3   Registered Mail Number

Number assigned by U.S. Postal Service (USPS) to monitor the movement of mail from point of acceptance by USPS to point of delivery

Use to identify the shipment unit registered parcel post number.

W8   Suffix

Differentiates between partial actions taken on the original transaction

Use with REF01 code TN to identify the transaction number suffix.

WY   Waybill Number

Use to identify the shipment unit waybill number.

ZH   Carrier Assigned Reference Number

Use to identify the shipment unit express mail number.

Must Use   **C04002**   **127**   **Reference Identification**   **M**   **AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

C04003   **128**   **Reference Identification Qualifier**   **X**   **ID 2/3**

Code qualifying the Reference Identification

C04004   **127**   **Reference Identification**   **X**   **AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

C04005   **128**   **Reference Identification Qualifier**   **X**   **ID 2/3**

Code qualifying the Reference Identification

C04006   **127**   **Reference Identification**   **X**   **AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	**DTM** Date/Time Reference	
Position:	200	
Loop:	HL Mandatory	
Level:	Detail:	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required.	
	2 If either DTM06 or DTM07 is present, then the other is required.	
Semantic Notes:		
Comments:		
Notes:	*Use only in 2/HL/010 transaction reference number loops to identify dates associated with the shipment status.*	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**DTM01**	**374**	**Date/Time Qualifier**	**M**	**ID 3/3**
			Code specifying type of date or time, or both date and time		
			Use only one of codes 011 or 514 to identify the available shipment information.		
			011 Shipped		
			Use to identify the material shipment date, regardless of shipment method.		
			514 Transferred		
			Use to identify material transfer date to the carrier, if a delay occurs prior to actual shipment.		
Must Use	**DTM02**	**373**	**Date**	**X**	**DT 6/6**
			Date (YYMMDD)		
Not Used	**DTM03**	**337**	**Time**	**X**	**TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	**DTM04**	**623**	**Time Code**	**O**	**ID 2/2**
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
	DTM05	**624**	**Century**	**O**	**N0 2/2**
			The first two characters in the designation of the year (CCYY)		
Not Used	**DTM06**	**1250**	**Date Time Period Format Qualifier**	**X**	**ID 2/3**

Code indicating the date format, time format, or date and time format

Not Used   **DTM07**   **1251**   **Date Time Period**   **X   AN 1/35**

Expression of a date, a time, or range of dates, times or dates and times

	N1 Name
Segment:	**N1** Name
Position:	220
Loop:	N1 Optional (Must Use)
Level:	Detail:
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.

Notes: *1. Must use the 2/N1/220 loop in the 2/HL/010 address loop to identify the organization originating the transaction set and the organization to receive the transaction set.*

2. Must use the 2/N1/220 loop in every 2/HL/010 transaction reference number loop to identify the shipment unit consignor, consignee, and carrier.

3. Use the 2/N1/220 loop as needed in 2/HL/010 transaction reference number loops to identify the manufacturer of UIT and the organization to receive credit when that organization varies from the organization originating the transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	M ID 2/2

Code identifying an organizational entity, a physical location, or an individual

41	Submitter	
	Entity transmitting transaction set	
	Use to identify the organization transmitting the transaction set.	
CA	Carrier	
	Use to identify the shipment unit carrier.	
CN	Consignee	
	Use to identify the material consignee when different from the Ship To.	
MF	Manufacturer of Goods	
	Use to identify the manufacturer of the UIT item.	
SF	Ship From	
	Use to identify the shipping activity (ship from)	

			when other than the submitter.
	ST		Ship To
			Use to identify the organization to receive the material.
	Z4		Owning Inventory Control Point
			An inventory control organization responsible for management of a particular item
	ZB		Party to Receive Credit
			The organization to which credit will be granted
			Use to identify the organization to receive credit for the material when different from the organization originating the transaction set.

Not Used	N102	93	**Name**	**X**	**AN 1/35**
			Free-form name		
Must Use	**N103**	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		

	1	D-U-N-S Number, Dun & Bradstreet
	2	Standard Carrier Alpha Code (SCAC)
		Use as needed to identify the commercial carrier.
	9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
	10	Department of Defense Activity Address Code (DODAAC)
	33	Commercial and Government Entity (CAGE)
	A2	Military Assistance Program Address Code (MAPAC)
		Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity
		Use to indicate the Security Assistance (SA) structured address data. Interpretation may require additional codes cited elsewhere in the transaction.
	M4	Department of Defense Routing Identifier Code (RIC)
		An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions

Must Use	**N104**	**67**	**Identification Code**	**X**	**AN 2/20**
			Code identifying a party or other code		
Not Used	N105	706	**Entity Relationship Code**	**O**	**ID 2/2**
			Code describing entity relationship		
	N106	98	**Entity Identifier Code**	**O**	**ID 2/2**
			Code identifying an organizational entity, a physical location, or an		

individual

Use only in 2/HL/010 address loops.

    FR   Message From

Must use with the appropriate 2/N101/220 code to indicate the organization cited in N104 is sending the transaction set.

    TO   Message To

Must use with the appropriate 2/N101/220 code to indicate the organization cited in N101 is receiving the transaction set.

Segment:	**LM** Code Source Information	
Position:	340	
Loop:	LM Optional	
Level:	Detail:	
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit standard code list identification information	
Syntax Notes:		
Semantic Notes:		
Comments:	**1** LM02 identifies the applicable industry code list source information.	
Notes:	*Use only in 2/HL/010 transaction reference number loops to identify coded information maintained in department or agency documentation.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LM01	559	**Agency Qualifier Code**	M ID 2/2
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
Not Used	LM02	822	**Source Subqualifier**	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	

Segment:	**LQ** Industry Code	
Position:	350	
Loop:	LM	Optional
Level:	Detail:	
Usage:	Mandatory	
Max Use:	100	
Purpose:	Code to transmit standard industry codes	
Syntax Notes:	1	If LQ01 is present, then LQ02 is required.
Semantic Notes:		
Comments:		
Notes:	*Use to identify codes, as appropriate, consistent with management information requirements.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LQ01	1270	**Code List Qualifier Code**	O ID 1/3

Code identifying a specific industry code list

    0   Document Identification Code

                 Codes that subclassify a transaction

    83   Supply Condition Code

                 Classifies material by readiness for issue and use, describes actions underway to change the status of material, or identifies material as excess or not serviceable

                 Use only with return of discrepant material (BSN07 code W05).

    87   Subsistence Type of Pack Code

                 A certain level of protection from the packing or outside shipping container for perishable and nonperishable subsistence items

                 Use only for subsistence items to identify the subsistence type of pack item identification.

    A9   Supplementary Address

                 Identifies the originating organization's unique logistics information

    DE   Signal Code

    DF   Media and Status Code

	Ref. Des.	Data Element	Name	Attributes
Must Use	LQ02	1271	**Industry Code**	X AN 1/30

Code indicating a code from a specific industry code list

Segment:	**SE** Transaction Set Trailer	
Position:	020	
Loop:		
Level:	Summary:	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)	
Syntax Notes:		
Semantic Notes:		
Comments:	**1**	SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	SE01	96	**Number of Included Segments**	M	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments		
Must Use	SE02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
			Cite the same number as the one cited in ST02.		